

SPN / SPK

Operations Briefing 8/04/14
Mike Dillabough and Christy Jones



®

US Army Corps of Engineers
BUILDING STRONG®
San Francisco District

BUILDING STRONG FROM NEW MEXICO ALL THE WAY TO THE



Water management takes into account travel time for water released from dams to pass downstream communities without flooding those communities.

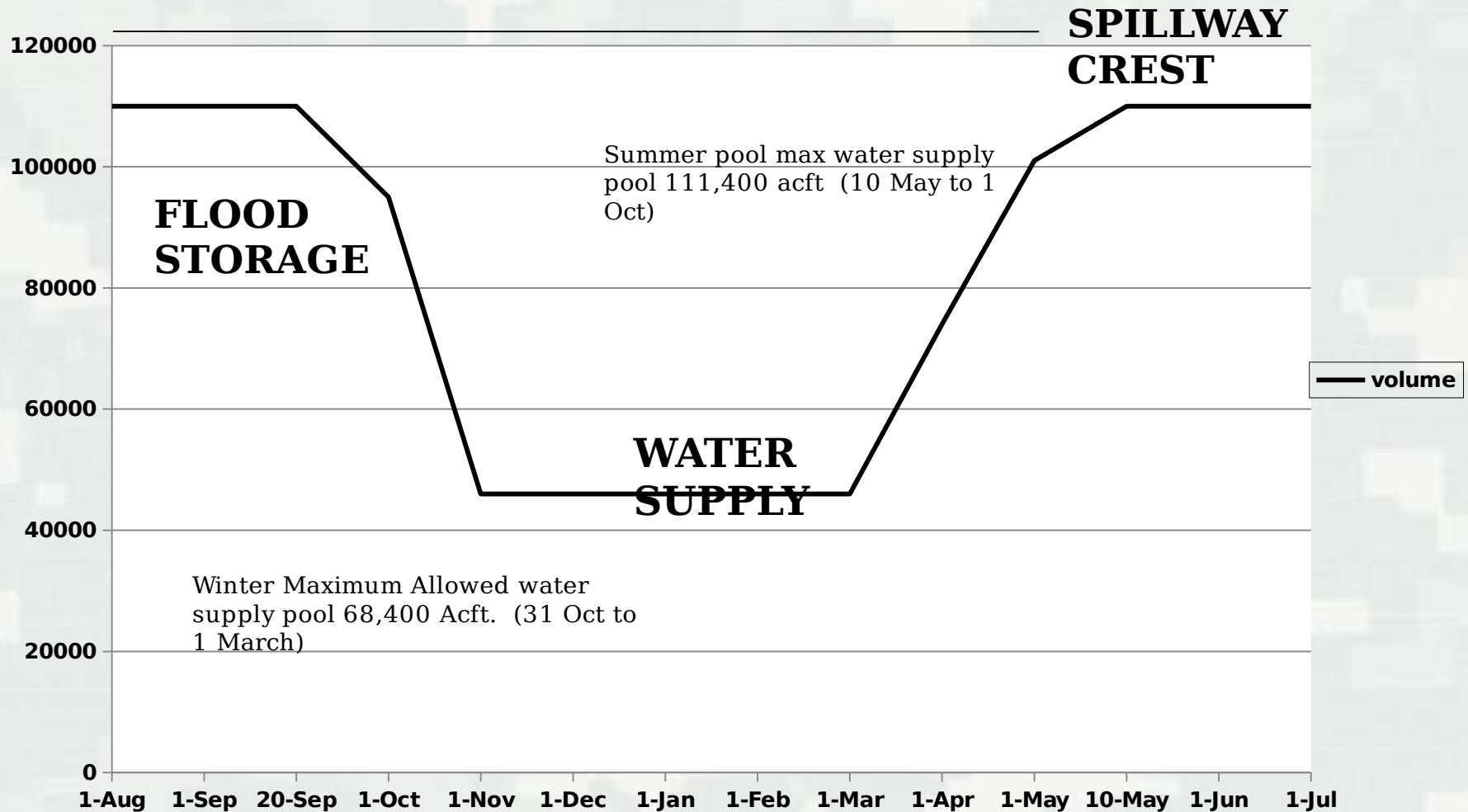
Travel time 6 to 7 days



Water Management

- Water management of a dam is usually based on mission(s) of a dam. Water supply, conservation pools, flood risk management, recreation, environmental.
- Water control manuals are used to ensure proper procedures are followed.
- Water control manuals can be changed, requires high level review. Deviations can be requested.
- CVD – Water control manual rule curve dictates volume of space retained for flood control (short term retention of water).

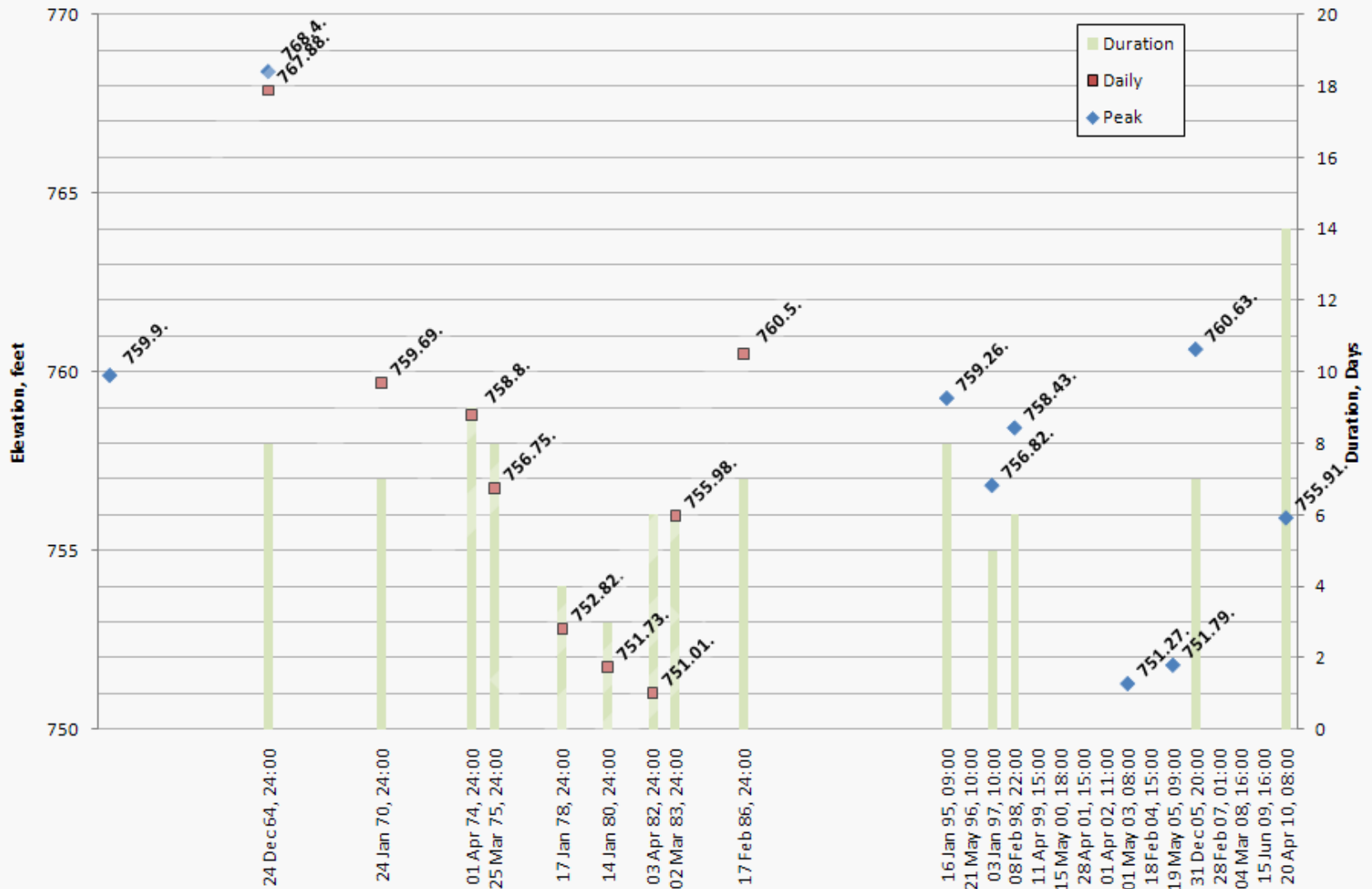
Coyote Valley Dam example Rule Curve



U.S. Army Corps of
Engineers
San Francisco District
BUILDING STRONG



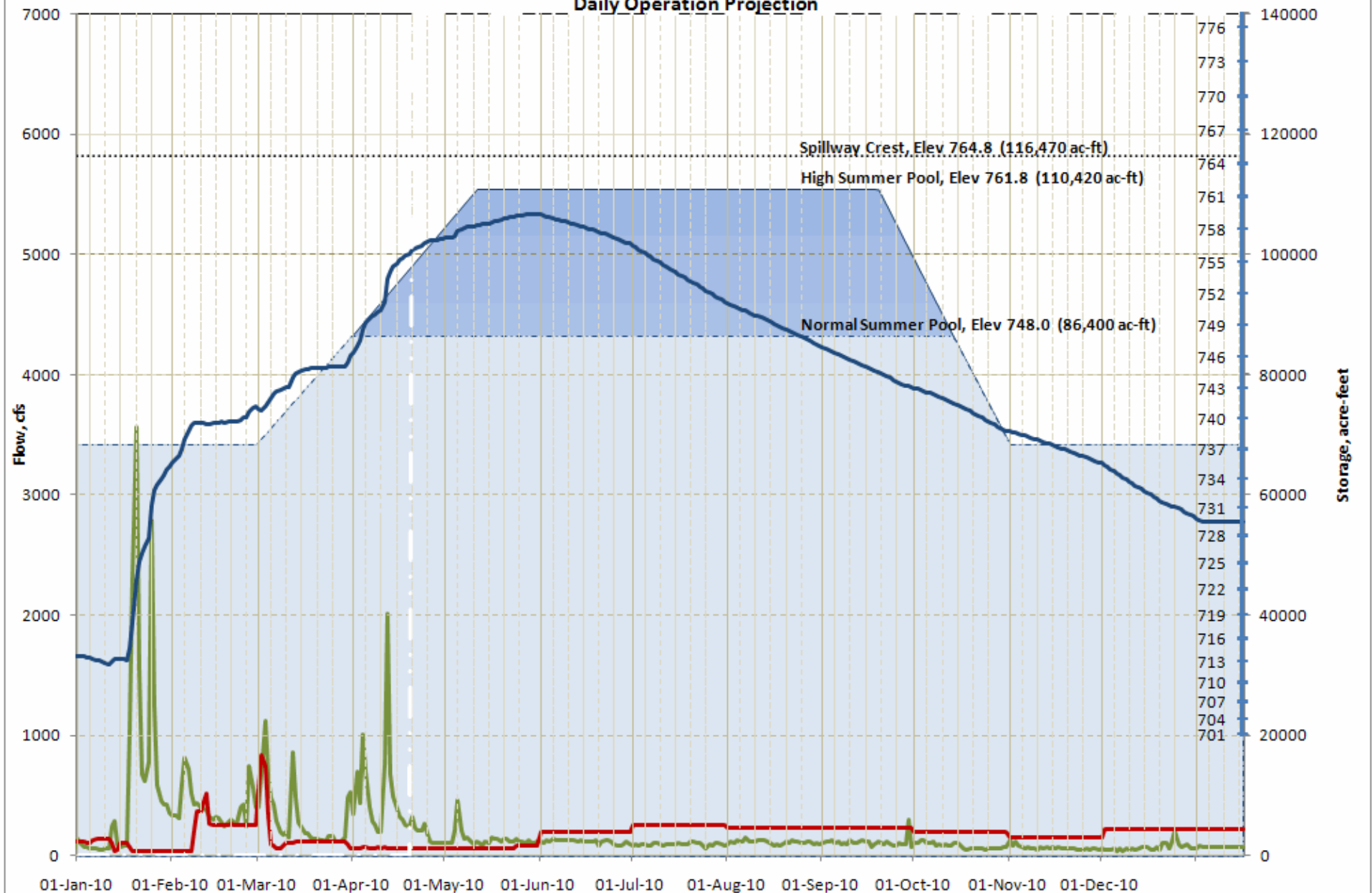
Lake Mendocino Historic Maximum Pool Levels



Note:

1. Duration -- Amount of time elevation above 748 feet during storm event (includes time preceding the max pool level).
2. For 2010, the duration only reflects amount of time up through 20 April 2010. As a rough estimate, the duration could be 5 months.

Lake Mendocino Daily Operation Projection



questions

